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## Occupational Employment and Wages in New York-Jersey City-White Plains — May 2015

Workers in the New York-Jersey City-White Plains Metropolitan Division had an average (mean) hourly wage of \$29.47 in May 2015, about 27 percent above the nationwide average of \$23.23, according to the U.S. Bureau of Labor Statistics. Chief Regional Economist Martin Kohli noted that, after testing for statistical significance, wages in the local area were higher than their respective national averages in 20 of the 22 major occupational groups, including management; legal; and food preparation and serving related. No group had an hourly wage significantly lower than its respective national average.

When compared to the nationwide distribution, local employment was more highly concentrated in 13 of the 22 occupational groups, including healthcare support; business and financial operations; and arts, design, entertainment, sports, and media. Conversely, eight groups had employment shares significantly below their national representation, including production; food preparation and serving related; and transportation and material moving. (See [table A](#) and [box note](#) at end of release.)

**Table A. Occupational employment and wages by major occupational group, United States and the New York-Jersey City-White Plains Metropolitan Division, and measures of statistical significance, May 2015**

Major occupational group	Percent of total employment		Mean hourly wage		
	United States	New York	United States	New York	Percent difference <sup>(1)</sup>
Total, all occupations.....	100.0%	100.0%	\$23.23	\$29.47*	27
Management.....	5.0	5.6*	55.30	75.37*	36
Business and Financial Operations.....	5.1	6.5*	35.48	45.54*	28
Computer and Mathematical.....	2.9	3.3*	41.43	47.72*	15
Architecture and Engineering.....	1.8	1.0*	39.89	40.41	1
Life, Physical, and Social Science.....	0.8	0.7*	34.24	36.95*	8
Community and Social Service.....	1.4	1.8*	22.19	25.54*	15
Legal.....	0.8	1.3*	49.74	67.17*	35
Education, Training, and Library.....	6.2	7.1*	25.48	31.42*	23
Arts, Design, Entertainment, Sports, and Media.....	1.3	2.6*	27.39	38.93*	42
Healthcare Practitioners and Technical.....	5.8	5.3*	37.40	44.76*	20
Healthcare Support.....	2.9	4.4*	14.19	14.09	-1
Protective Service.....	2.4	3.4*	21.45	24.39*	14
Food Preparation and Serving Related.....	9.1	7.6*	10.98	13.13*	20
Building and Grounds Cleaning and Maintenance.....	3.2	3.4*	13.02	16.48*	27
Personal Care and Service.....	3.1	3.8*	12.33	14.81*	20
Sales and Related.....	10.5	10.7*	18.90	26.05*	38
Office and Administrative Support.....	15.8	16.7*	17.47	20.39*	17

**Table A. Occupational employment and wages by major occupational group, United States and the New York-Jersey City-White Plains Metropolitan Division, and measures of statistical significance, May 2015 - Continued**

Major occupational group	Percent of total employment		Mean hourly wage		
	United States	New York	United States	New York	Percent difference <sup>(1)</sup>
Farming, Fishing, and Forestry.....	0.3	(2)	12.67	16.86*	33
Construction and Extraction.....	4.0	3.1*	22.88	31.75*	39
Installation, Maintenance, and Repair.....	3.9	3.0*	22.11	25.27*	14
Production.....	6.6	2.9*	17.41	17.90*	3
Transportation and Material Moving.....	6.9	5.9*	16.90	18.67*	10

<sup>(1)</sup> A positive percent difference measures how much the mean wage in New York is above the national mean wage, while a negative difference reflects a lower wage.

<sup>(2)</sup> Estimate not released

\* The percent share of employment or mean hourly wage for this area is significantly different from the national average of all areas at the 90-percent confidence level.

One occupational group—healthcare support—was chosen to illustrate the diversity of data available for any of the 22 major occupational categories. New York-Jersey City-White Plains had 285,170 jobs in healthcare support, accounting for 4.4 percent of local area employment, significantly higher than the 2.9-percent share nationally. The average hourly wage for this occupational group locally was \$14.09, compared to the national wage of \$14.19.

Some of the larger detailed occupations within the healthcare support group included home health aides (144,900), nursing assistants (70,790), and medical assistants (19,930). Among the higher paying jobs were occupational therapy assistants and massage therapists, with mean hourly wages of \$30.16 and \$29.32, respectively. At the lower end of the wage scale were home health aides (\$10.99) and physical therapist aides (\$12.75). (Detailed occupational data for healthcare support are presented in [table 1](#); for a complete listing of detailed occupations available go to [www.bls.gov/oes/2015/may/oes\\_35614.htm](http://www.bls.gov/oes/2015/may/oes_35614.htm).)

Location quotients allow us to explore the occupational make-up of a metropolitan area by comparing the composition of jobs in an area relative to the national average. (See [table 1](#).) For example, a location quotient of 2.0 indicates that an occupation accounts for twice the share of employment in the area than it does nationally. In the New York-Jersey City-White Plains Metropolitan Division, above-average concentrations of employment were found in some of the occupations within the healthcare support group. For instance, home health aides were employed at 3.8 times the national rate in New York, and orderlies, at 1.5 times the U.S. average. On the other hand, nursing assistants had a location quotient of 1.1 in New York, indicating that this particular occupation's local and national employment shares were similar.

These statistics are from the Occupational Employment Statistics (OES) survey, a federal-state cooperative program between BLS and State Workforce Agencies, in this case, the New York State Department of Labor.

## **Notes on Occupational Employment Statistics Data**

With the issuance of data for May 2015, the OES program has incorporated redefined metropolitan area definitions as designated by the Office of Management and Budget. OES data are available for 394 metropolitan areas, 38 metropolitan divisions, and 167 OES-defined nonmetropolitan areas. A listing of the areas and their definitions can be found at [www.bls.gov/oes/current/msa\\_def.htm](http://www.bls.gov/oes/current/msa_def.htm).

A value that is statistically different from another does not necessarily mean that the difference has economic or practical significance. Statistical significance is concerned with the ability to make confident statements about a universe based on a sample. It is entirely possible that a large difference between two values is not significantly different statistically, while a small difference is, since both the size and heterogeneity of the sample affect the relative error of the data being tested.

### **Technical Note**

The Occupational Employment Statistics (OES) survey is a semiannual mail survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. The OES program produces employment and wage estimates for over 800 occupations for all industries combined in the nation; the 50 states and the District of Columbia; 432 metropolitan areas and divisions; 167 nonmetropolitan areas; and Guam, Puerto Rico, and the U.S. Virgin Islands. National estimates are also available by industry for NAICS sectors, 3-, 4-, and selected 5- and 6-digit industries, and by ownership across all industries and for schools and hospitals. OES data are available at [www.bls.gov/oes/tables.htm](http://www.bls.gov/oes/tables.htm).

OES estimates are constructed from a sample of about 1.2 million establishments. Forms are mailed to approximately 200,000 sampled establishments in May and November each year. May 2015 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2015, November 2014, May 2014, November 2013, May 2013, and November 2012. The overall national response rate for the six panels is 73.5 percent based on establishments and 69.6 percent based on weighted sampled employment. The unweighted employment of sampled establishments across all six semiannual panels represents approximately 57.9 percent of total national employment. (Response rates are slightly lower for these estimates due to the federal shutdown in October 2013.) The sample in the New York-Jersey City-White Plains Metropolitan Division included 23,388 establishments with a response rate of 73 percent. For more information about OES concepts and methodology, go to [www.bls.gov/news.release/ocwage.tn.htm](http://www.bls.gov/news.release/ocwage.tn.htm).

The May 2015 OES estimates are based on the 2010 Standard Occupational Classification (SOC) system and the 2012 North American Industry Classification System (NAICS). Information about the 2010 SOC is available on the BLS website at [www.bls.gov/soc](http://www.bls.gov/soc) and information about the 2012 NAICS is available at [www.bls.gov/bls/naics.htm](http://www.bls.gov/bls/naics.htm).

### **Metropolitan area definitions**

The substate area data published in this release reflect the standards and definitions established by the U.S. Office of Management and Budget.

**The New York-Jersey City-White Plains, N.Y. Metropolitan Division** includes Bergen, Hudson,

Middlesex, Monmouth, Ocean, and Passaic Counties of New Jersey and Bronx, Kings, New York, Orange, Queens, Richmond, Rockland, and Westchester Counties of New York.

### **Additional information**

OES data are available on our regional web page at [www.bls.gov/regions/new-york-new-jersey](http://www.bls.gov/regions/new-york-new-jersey). Answers to frequently asked questions about the OES data are available at [www.bls.gov/oes/oes\\_ques.htm](http://www.bls.gov/oes/oes_ques.htm). Detailed technical information about the OES survey is available in our Survey Methods and Reliability Statement on the BLS website at [www.bls.gov/oes/2015/may/methods\\_statement.pdf](http://www.bls.gov/oes/2015/may/methods_statement.pdf).

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

**Table 1. Employment and wage data from the Occupational Employment Statistics survey, by occupation, New York-Jersey City-White Plains Metropolitan Division, May 2015**

Occupation <sup>(1)</sup>	Employment		Mean wages	
	Level <sup>(2)</sup>	Location quotient <sup>(3)</sup>	Hourly	Annual <sup>(4)</sup>
Healthcare Support Occupations.....	285,170	1.5	\$14.09	\$29,300
Home Health Aides.....	144,900	3.8	10.99	22,850
Psychiatric Aides.....	3,800	1.2	19.14	39,820
Nursing Assistants.....	70,790	1.1	16.38	34,070
Orderlies.....	3,690	1.5	16.51	34,350
Occupational Therapy Assistants.....	1,250	0.8	30.16	62,730
Occupational Therapy Aides.....	170	0.5	13.99	29,090
Physical Therapist Assistants.....	2,250	0.6	27.75	57,720
Physical Therapist Aides.....	3,460	1.5	12.75	26,510
Massage Therapists.....	3,540	0.8	29.32	60,990
Dental Assistants.....	14,130	0.9	17.34	36,070
Medical Assistants.....	19,930	0.7	16.53	34,380
Medical Equipment Preparers.....	2,270	1.0	18.48	38,440
Medical Transcriptionists.....	1,640	0.6	19.24	40,030
Pharmacy Aides.....	1,450	0.8	12.86	26,750
Veterinary Assistants and Laboratory Animal Caretakers.....	1,540	0.4	14.58	30,320
Phlebotomists.....	4,750	0.9	18.27	38,000
Healthcare Support Workers, All Other.....	5,600	1.3	18.93	39,380

<sup>(1)</sup> For a complete listing of all detailed occupations in the New York-Jersey City-White Plains, NY-NJ Metropolitan Division, see [www.bls.gov/oes/current/oes\\_35614.htm](http://www.bls.gov/oes/current/oes_35614.htm).

<sup>(2)</sup> Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

<sup>(3)</sup> The location quotient is the ratio of the area concentration of occupational employment to the national average concentration. A location quotient greater than one indicates the occupation has a higher share of employment than average, and a location quotient less than one indicates the occupation is less prevalent in the area than average.

<sup>(4)</sup> Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.